



2859

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

January 27, 2004

Applicants : Allan Joseph Kotwicki  
For : TEMPERATURE SENSOR WITH IMPROVED RESPONSE TIME  
Serial No. : 10/065,836 Group: 2859  
Filed : Nov. 25, 2002 Examiner: Verbotsky  
Confirmation No. 9702

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

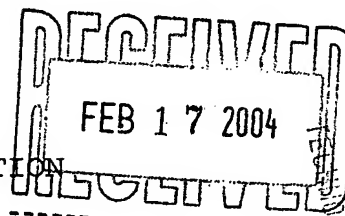
RESPONSE TO OFFICE ACTION

Dear Sir:

Please amend the above application as follows:

IN THE CLAIMS

- 1.(currently amended) A temperature sensor, comprising a temperature sensing element [[and]] whose outer surface is covered with a coating thereon comprising thermally conductive particles in a resin matrix.
- 2.(original) The sensor of claim 1 wherein said coating material comprises a metallic particles in said resin matrix.
- 3.(original) The sensor of claim 2 wherein said metallic particles comprise aluminum particles.
- 4.(original) The sensor of claim 1 wherein said coating material comprises non-metallic particles in said resin matrix.
- 5.(currently amended) The sensor of claim 1 wherein said temperature sensing element comprises a thermistor bead whose outer surface is covered by the coating.
- 6.(currently amended) The sensor of claim 1 including [[an]] a relatively thin electrical insulating coating between said temperature sensing element and said coating.



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